

Product datasheet

D-Cycloserine, NMDA glycine site agonist ab120121

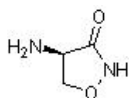
Overview

Product name	D-Cycloserine, NMDA glycine site agonist
Description	NMDA glycine site agonist
Biological description	Partial agonist at the NMDA receptor glycine recognition site. Enhances learning and memory <i>in vivo</i> . Performance enhancer in a variety of cognitive models.
	Also available in simple stock solutions (ab146677) - add 1 ml of water to get an exact, ready-to-use concentration.

Purity > 99%

CAS Number 68-41-7

Chemical structure



Properties

Chemical name	(R)-4-Aminoisoxazolidin-3-one
Molecular weight	102.09
Molecular formula	C ₃ H ₆ N ₂ O ₂
PubChem identifier	6234
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>N[C@@H]1CONC1=O</chem>
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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